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(54) Title: **DIAGNOSIS AND TREATMENT METHODS RELATED TO AGING (8A)**

(57) Abstract: Mouse genes differentially expressed in comparisons of gene expression in growth hormone receptor/binding protein gene-disrupted mouse livers and normal mouse livers have been identified, as have corresponding human genes and proteins. The human molecules, or antagonists thereof, may be used for protection against faster-than-normal biological aging, or to achieve slower-than-normal biological aging. The human molecules may also be used as markers of biological aging, to retard biological aging, or to treat age-related diseases.



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